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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/782,896	02/23/2004	Takeshi Saito	249170US2RD	5953
22850 7590 07/24/2008 OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314				
EXAMINER AVERY, JEREMIAH L				
ART UNIT 2131		PAPER NUMBER		
NOTIFICATION DATE 07/24/2008		DELIVERY MODE ELECTRONIC		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

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oblonpat@oblon.com  
jgardner@oblon.com

### Office Action Summary

**Application No.**

10/782,896

**Applicant(s)**

SAITO ET AL.

**Examiner**

JEREMIAH AVERY

**Art Unit**

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 24 April 2008.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-18 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 23 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO-8508)  
Paper No(s)/Mail Date 4/24/08  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_  
5) ☐ Notice of Informal Patent Application  
6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

1. Claims 1-18 have been examined.
2. Responses to Applicant's remarks have been given.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 1-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over United States Patent No. 7,237,108 to Medvinsky et al., hereinafter Medvinsky and further in view of United States Patent No. 6,069,952 to Saito et al., hereinafter Saito.

1. Regarding claim 1, Medvinsky discloses a transmission device, comprising:  
a transmission control unit configured to control a transmission of a packet that requires a copyright protection which contains RTP (Real-time Transport Protocol) data including an encrypted electronic data and a copyright protection control data, and an RTP header including a value of a dynamic payload type that indicates information regarding

a state of the encrypted electronic data (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 12, lines 22-32 and 39-51 and column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding");

a negotiation unit configured to carry out a negotiation to determine the value of the dynamic payload type for each communication in advance, with a reception device (column 1, lines 56-67, column 2, lines 1-13 and 29-47, column 3, lines 30-46, column 4, lines 44-64 and column 5, lines 33-47);

an authentication and key exchange processing unit configured to carry out an authentication and key exchange processing for purpose of the copyright protection, with the reception device (column 4, lines 44-64, column 5, lines 3-17 and 48-67, column 6, lines 1-6 and 17-29, column 7, lines 41-67, column 8, lines 1—34 and 46-61, column 10, lines 42-52 and 65-67, column 11, lines 1-15 and column 15, lines 13-26).

2. Medvinsky significantly discloses the claimed invention, as cited above.

However, Medvinsky fails to disclose the claim limitation pertaining to "an encryption unit configured to generate the encrypted electronic data by performing encryption in accordance with the copyright protection data." Saito discloses this limitation, as cited below.

3. Regarding claim 1, Saito discloses an encryption unit configured to generate the encrypted electronic data by performing encryption in accordance with the copyright protection control data (column 2, lines 63-67, column 3, lines 1 and 2, column 5, lines

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3-5, 66 and 67, column 6, lines 1-10 and 39-48, column 10, lines 59-67, column 11, lines 1-16 and column 17, lines 24-58).

4. The motivation to combine would be that "it is necessary to encrypt the data in order to protect the copyright" (Saito – column 5, lines 3-5).

5. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teachings of Saito with the teachings of Medvinsky "because the data has a copyright, a proper procedure must be followed to ensure copyright protection" (Saito - column 22, lines 14-18).

6. Regarding claim 2, Medvinsky discloses a copyright protection information notification unit configured to transmit information for notifying that the packet requires the copyright protection to the reception device, after transmitting the packet to the reception device (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 12, lines 22-32 and 39-51 and column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding").

7. Regarding claim 3, Medvinsky discloses an encryption information notification unit configured to notify information for notifying that the packet requires the copyright protection and an encryption frame size of the packet to the reception device, before transmitting the packet to the reception device (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 12, lines 22-

32 and 39-51, column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding" and column 15, lines 47-67).

8. Regarding claim 4, Medvinsky discloses an encryption frame size reception unit configured to receive an encryption frame size of the packet, transmitted from the reception device (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 12, lines 22-32 and 39-51, column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding" and column 15, lines 47-67);

an encryption unit configured to encrypt the packet according to the encryption frame size received by the encryption frame size reception unit (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 7, lines 14-35, column 10, lines 42-53, column 12, lines 22-32 and 39-51, column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding" and column 15, lines 47-67).

9. Regarding claim 5, Medvinsky discloses wherein the value of the dynamic payload type indicates more than one values or an arbitrary value within a prescribed range (column 15, lines 47-67, "W should be 32 or 64").

10. Regarding claim 6, Medvinsky discloses wherein the copyright protection control data contains at least a part of bits of a seed value used in generating an encryption key for encrypting electronic data (column 2, lines 29-56, "encrypting the entire RTSP

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message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 7, lines 14-35, column 10, lines 42-53, "Session Key Seed", column 12, lines 22-32 and 39-51, column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding" and column 15, lines 47-67).

11. Regarding claim 7, Medvinsky discloses a multicast transmission identification unit configured to judge whether the packet is to be transmitted by multicast or not, before transmitting the packet (column 5, lines 33-62);

a multicast encryption unit configured to encrypt the packet according to a multicast encryption frame size and transmit the packet, when the packet is to be transmitted by the multicast (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 12, lines 22-32 and 39-51 and column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding").

12. Regarding claim 8, Medvinsky discloses a reception device, comprising: a reception control unit configured to control a reception of a packet containing RTP (Real-time Transport Protocol) data including an encrypted electronic data and a copyright protection control data, and an RTP header including a value of a dynamic payload type that indicates information regarding a state of the encrypted electronic data (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5,

lines 63-67, column 6, lines 1-6, column 12, lines 22-32 and 39-51 and column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding");

a negotiation unit configured to carry out a negotiation to determine the value of the dynamic payload type for each communication in advance, with a transmission device (column 1, lines 56-67, column 2, lines 1-13 and 29-47, column 3, lines 30-46, column 4, lines 44-64 and column 5, lines 33-47);

an authentication and key exchange processing unit configured to carry out an authentication and key exchange processing for purpose of a copyright protection, with the transmission device (column 4, lines 44-64, column 5, lines 3-17 and 48-67, column 6, lines 1-6 and 17-29, column 7, lines 41-67, column 8, lines 1—34 and 46-61, column 10, lines 42-52 and 65-67, column 11, lines 1-15 and column 15, lines 13-26).

13. Medvinsky significantly discloses the claimed invention, as cited above.

However, Medvinsky fails to disclose the claim limitation pertaining to "a decryption unit configured to decrypt the encrypted electronic content data with reference to the copyright protection control data." Saito discloses this limitation, as cited below.

14. Regarding claim 8, Saito discloses a decryption unit configured to decrypt the encrypted electronic data with reference to the copyright protection control data

(column 2, lines 47-55, column 6, lines 49-56, column 9, lines 34-39, column 11, lines 1-8, column 13, lines 14-55, column 15, lines 28-50, column 17, lines 59-65, column 22, lines 41-46, column 27, lines 52-55 and column 28, lines 46-49).



15. The motivation to combine would be that "decrypted second secret-key Ks2 is thereafter used as a crypt key for encrypting/decrypting data for storing, copying, or transferring the data" (Saito – column 13, lines 53-55).

16. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teachings of Saito with the teachings of Medvinsky that "in order to use data it is necessary to decrypt these crypt key, copyright control program and the data" (Saito – column 48, lines 11-14).

17. Regarding claim 9, Medvinsky discloses a copyright protection information reception unit configured to receive information for notifying that the packet requires a copyright protection from the transmission device, after receiving the packet that requires the copyright protection from the transmission device (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 12, lines 22-32 and 39-51 and column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding").

18. Regarding claim 10, Medvinsky discloses an encryption information reception unit configured to receive information for notifying that the packet requires a copyright protection and an encryption frame size of the packet from the transmission device, before receiving the packet that requires the copyright protection from the transmission device (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 12, lines 22-32 and 39-51, column 13, lines 8-

40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding" and column 15, lines 47-67).

19. Regarding claim 11, Medvinsky discloses an encryption frame size transmission unit configured to transmit an encryption frame size of the packet that requires a copyright protection, to the transmission device (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 7, lines 14-35, column 10, lines 42-53, column 12, lines 22-32 and 39-51, column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding" and column 15, lines 47-67);

an encryption unit configured to encrypt the packet according to the encryption frame size received by the encryption frame size reception unit (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 7, lines 14-35, column 10, lines 42-53, column 12, lines 22-32 and 39-51, column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding" and column 15, lines 47-67).

20. Regarding claim 12, Medvinsky discloses wherein the value of the dynamic payload type indicates more than one values or an arbitrary value within a prescribed range (column 15, lines 47-67, "W should be 32 or 64").

21. Regarding claim 13, Medvinsky discloses wherein the copyright protection control data contains at least a part of bits of a seed value used in generating an

encryption key for encrypting the electronic data (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 7, lines 14-35, column 10, lines 42-53, "Session Key Seed", column 12, lines 22-32 and 39-51, column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding" and column 15, lines 47-67).

22. Regarding claim 14, Medvinsky discloses a decryption unit configured to decrypt the encrypted electronic data contained in the packet received from the transmission device, by using the seed value (column 13, lines 42-56 and column 15, lines 13-26).

23. Regarding claim 15, Medvinsky discloses an update judgment unit configured to judge whether the seed value is updated by the transmission device or not, according to the at least a part of the seed value contained in the copyright protection control data transmitted from the transmission device (column 15, lines 47-67, "The 'left' edge of the window is updated in order to maintain the same window size");  
an authentication and key exchange request unit configured to transmit an authentication and key exchange request to the transmission device when it is judged that the seed value is updated by the transmission device (column 4, lines 44-64, column 5, lines 3-17 and 48-67, column 6, lines 1-6 and 17-29, column 7, lines 41-67, column 8, lines 1—34 and 46-61, column 10, lines 42-52 and 65-67, column 11, lines 1-15 and column 15, lines 13-26).

24. Regarding claim 16, Medvinsky discloses a multicast reception identification unit configured to judge whether the packet received from the transmission device is a multicast packet or not (column 5, lines 33-62);

a multicast decryption unit configured to decrypt the packet according to a multicast encryption frame size and transmit the packet, when the packet is judged as the multicast packet (column 13, lines 42-56 and column 15, lines 13-26).

25. Regarding claim 17, Medvinsky discloses a computer program product which employs a storage medium for causing a computer to function as a transmission device, the computer program product comprising:

a first computer program code for causing the computer to control a transmission of a packet that requires a copyright protection which contains RTP (Real-time Transport Protocol) data including an encrypted electronic data, and a copyright protection control data and an RTP header including a value of a dynamic payload type that indicates information regarding a state of the encrypted electronic data (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 12, lines 22-32 and 39-51 and column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding");

a second computer program code for causing the computer to carry out a negotiation to determine the value of the dynamic payload type for each communication in advance, with a reception device (column 1, lines 56-67, column 2, lines 1-13 and 29-47, column 3, lines 30-46, column 4, lines 44-64 and column 5, lines 33-47);

a third computer program code for causing the computer to carry out an authentication and key exchange processing for purpose of the copyright protection, with the reception device (column 4, lines 44-64, column 5, lines 3-17 and 48-67, column 6, lines 1-6 and 17-29, column 7, lines 41-67, column 8, lines 1—34 and 46-61, column 10, lines 42-52 and 65-67, column 11, lines 1-15 and column 15, lines 13-26).

26. Medvinsky significantly discloses the claimed invention, as cited above.

However, Medvinsky fails to disclose the claim limitation pertaining to "a fourth computer program code for causing the computer to carry out an encryption processing for generating the encrypted electronic data in accordance with the copyright protection control data." Saito discloses this limitation, as cited below.

27. Regarding claim 17, Saito discloses a fourth computer program code for causing the computer to carry out an encryption processing for generating the encrypted electronic data in accordance with the copyright protection control data (column 2, lines 63-67, column 3, lines 1 and 2, column 5, lines 3-5, 66 and 67, column 6, lines 1-10 and 39-48, column 10, lines 59-67, column 11, lines 1-16 and column 17, lines 24-58).

28. The motivation to combine would be that "it is necessary to encrypt the data in order to protect the copyright" (Saito – column 5, lines 3-5).

29. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teachings of Saito with the teachings of Medvinsky "because the data has a copyright, a proper procedure must be followed to ensure copyright protection" (Saito - column 22, lines 14-18).

30. Regarding claim 18, Medvinsky discloses a computer program product which employs a storage medium for causing a computer to function as a reception device, the computer program product comprising:

a first computer program code for causing the computer to control a reception of a packet containing RTP (Real-time Transport Protocol) data including an encrypted electronic data and a copyright protection control data, and an RTP header including a value of a dynamic payload type that indicates information regarding a state of the encrypted electronic data (column 2, lines 29-56, "encrypting the entire RTSP message including the header", column 3, lines 15-29 and 47-67, column 4, lines 1-4 and 44-64, column 5, lines 63-67, column 6, lines 1-6, column 12, lines 22-32 and 39-51 and column 13, lines 8-40, "RTP Security Services", "RTP Cryptographic Mechanisms" and "RTP Packet Encoding");

a second computer program code for causing the computer to carry out a negotiation to determine the value of the dynamic payload type for each communication in advance, with a transmission device (column 1, lines 56-67, column 2, lines 1-13 and 29-47, column 3, lines 30-46, column 4, lines 44-64 and column 5, lines 33-47);

a third computer program code for causing the computer to carry out an authentication and key exchange processing for purpose of a copyright protection, with the transmission device (column 4, lines 44-64, column 5, lines 3-17 and 48-67, column 6, lines 1-6 and 17-29, column 7, lines 41-67, column 8, lines 1—34 and 46-61, column 10, lines 42-52 and 65-67, column 11, lines 1-15 and column 15, lines 13-26).

31. Medvinsky significantly discloses the claimed invention, as cited above.

However, Medvinsky fails to disclose the claim limitations pertaining to “a fourth computer program code for causing the computer to carry out a decryption processing for decrypting the encrypted electronic data with reference to the copyright protection control data.” Saito discloses this limitation, as cited below.

32. Regarding claim 18, Saito discloses a fourth computer program code for causing the computer to carry out a decryption processing for decrypting the encrypted electronic data with reference to the copyright protection control data (column 2, lines 47-55, column 6, lines 49-56, column 9, lines 34-39, column 11, lines 1-8, column 13, lines 14-55, column 15, lines 28-50, column 17, lines 59-65, column 22, lines 41-46, column 27, lines 52-55 and column 28, lines 46-49).

33. The motivation to combine would be that “decrypted second secret-key Ks2 is thereafter used as a crypt key for encrypting/decrypting data for storing, copying, or transferring the data” (Saito – column 13, lines 53-55).

34. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teachings of Saito with the teachings of Medvinsky that “in order to use data it is necessary to decrypt these crypt key, copyright control program and the data” (Saito – column 48, lines 11-14).

#### ***Response to Arguments***

35. Applicant's arguments, see page 10, filed 4/24/08, with respect to the objection to the Specification have been fully considered and are persuasive. The objection to the Specification has been withdrawn.

36. Applicant's arguments, see pages 10 and 11, filed 4/24/08, with respect to the objections of claims 11, 15 and 16 have been fully considered and are persuasive. The objections of claims 11, 15 and 16 have been withdrawn.
37. Applicant's arguments, see page 11, filed 4/24/08, with respect to the 35 U.S.C. 101 rejection of claims 17 and 18 have been fully considered and are persuasive. The 35 U.S.C. 101 rejection of claims 17 and 18 has been withdrawn.
38. Further, the IDS filed on 4/24/08 has been considered.
39. Applicant's arguments with respect to claims 1-18 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

40. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).
41. A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.



42. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

43. The following United States Patents and Patent Application Publications are cited to further show the state of the art with respect to data protection, such as:

United States Patent No. 5,852,664 to Iverson et al., which is cited to show how to decode access control for encoded multimedia signals.

United States Patent No. 7,243,366 to Medvinsky et al., which is cited to show a key management protocol and authentication system for secure internet protocol management architecture.

United States Patent Application No. US 2002/0168082 to Razdan which is cited to show a real-time distributed, transactional, hybrid watermarking method to provide trace-ability and copyright protection of digital content in peer-to-peer networks.

United States Patent Application Publication No. US 2002/0099948 to Kocher et al., which is cited to show a digital content protection method and apparatus.

United States Patent No. 7,233,669 to Candelore which is cited to show selective encryption to enable multiple decryption keys.

United States Patent No. 6,640,305 to Kocher et al., which is cited to show a digital content protection method and apparatus.

United States Patent No. 6,289,455 to Kocher et al., which is cited to show a method and apparatus for preventing piracy of digital content.

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44. Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEREMIAH AVERY whose telephone number is (571)272-8627. The examiner can normally be reached on Monday thru Friday 8:30am-5pm.

45. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

46. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jeremiah Avery/  
Examiner, Art Unit 2131

/Ayaz R. Sheikh/

Supervisory Patent Examiner, Art Unit 2131